

EZ·A·WAY

the modern trend in gymnasium seating

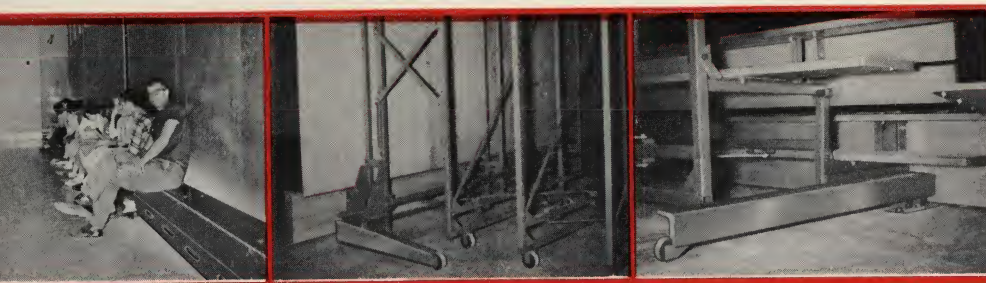
- Mechanical Folding Bleachers
- Deluxe Premium Seats
- Omega Electric Drive
- Forward Close — Delayed Action

A New Concept in
Spectator Seating

BLEACHERS

BERLIN
SEATING
ENGINEERS

BERLIN CHAPMAN CO.
BERLIN, WISCONSIN



EZ-A-WAY

FORWARD CLOSE -

DELAYED ACTION

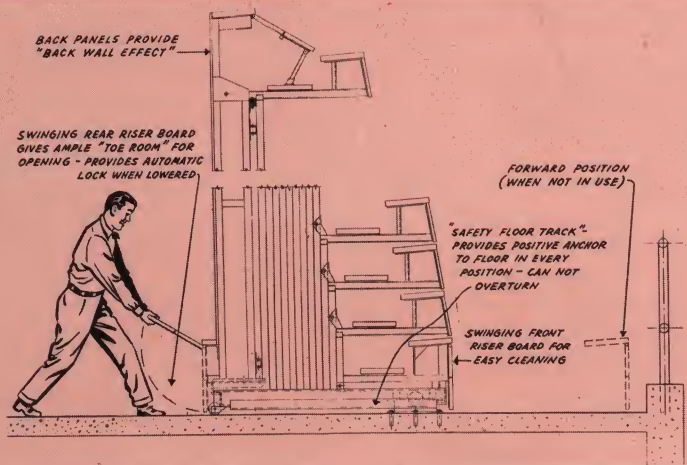
GYM SEATS

• SAFE • MODERN • CONVENIENT

EZ-A-WAY Forward Close Delayed Action Gym Seats offer maximum utilization of available space. When closed they form a wall to separate a balcony into a modern room — for gym classes, dances and any other school activities.

EZ-A-WAY Forward Close Delayed Action Gym Seats are easy to use . . . swinging rear riser board offers plenty of tow space for opening . . . gym seats can be locked in the open or closed positions.

EZ-A-WAY Forward Close Delayed Action Gym Seats cannot overturn. Our new floor track design provides positive floor attachment in every position.



OMEGA EZ-A-WAY

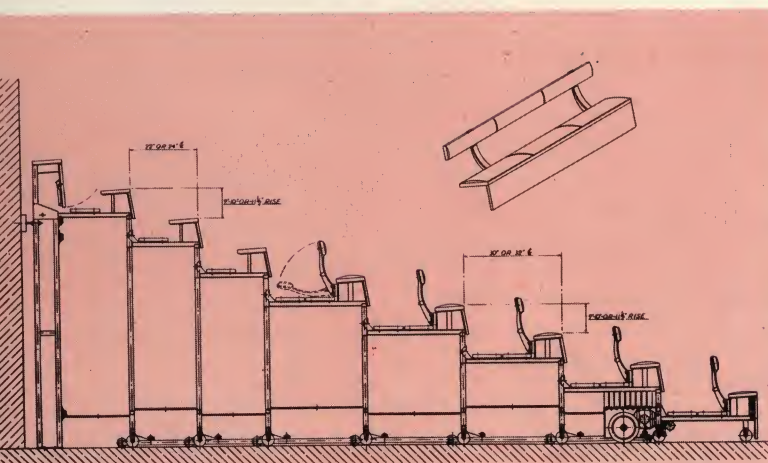
DELUXE COMBINATION

THE LAST WORD IN

• COMFORT • CAPACITY • CONVENIENCE

A Turn of a Key Opens and Closes the Bleachers.

A winning combination for spectator seating — BERLIN DELUXE EZ-A-WAY FOLDING BLEACHERS that provide the maximum comfort for premiums seats, the standard EZ-A-WAY seats and the OMEGA Electric Drive. Easy and simple operation . . . any school personnel can operate it, and it's reliable and safe in its operation . . . nothing to get out of order — no maintenance cost. Colors for the backs and seats to harmonize with the gymnasium setup. Seats and back-rest pads are of Vinyl covered foam rubber. Complete specifications upon request.

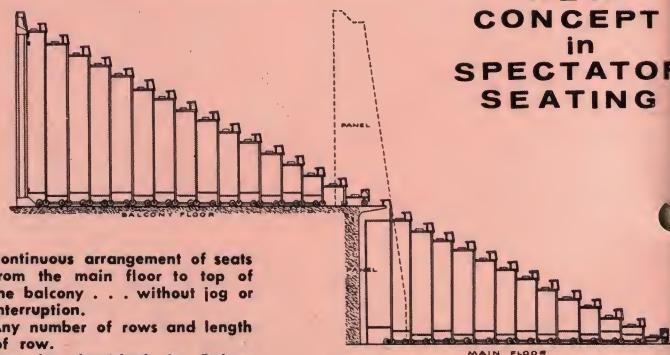


EZ-A-WAY FOLDING BLEACHERS

Spectators can enter the bleachers from the balcony by use of the 34 inch walkway along the front of the balcony sections, designed also to provide easy exit from the balcony. For capacity crowds the walkway can be converted to additional seats, so that all balcony space becomes spectator seating. When closed there is continuous face so that on occasions only the bleachers on the main floor need be extended. These continuous design EZ-A-WAY bleachers may be equipped with the OMEGA drive unit for simple, easy operation.

Complete specifications upon request.

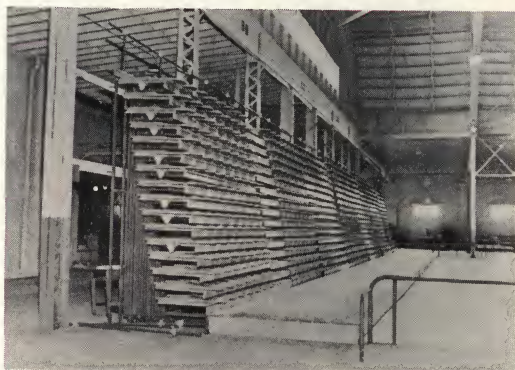
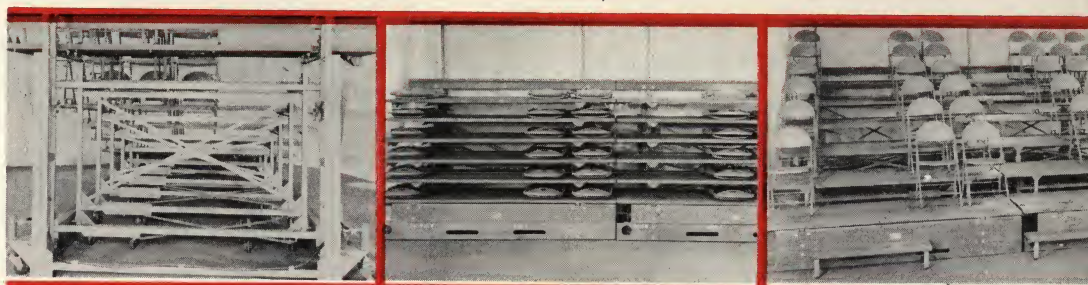
NEW CONCEPT in SPECTATOR SEATING



- Continuous arrangement of seats from the main floor to top of the balcony . . . without jog or interruption.
- Any number of rows and length of row.
- Can be furnished in Deluxe opera style seats.

EZ-A-WAY

MECHANICAL FOLDING CHAIR STANDS



Illustrated is the installation at the Richmond Arena, Richmond, Virginia. Note the floor space available for other activities when EZ-A-WAY chair stand is in closed position.

BERLIN CHAPMAN CO. has applied the principle of the EZ-A-WAY mechanical folding bleacher into a folding chair stand for deluxe seating. The EZ-A-WAY chair stand is a series of platforms designed to attach folding chairs to the base for public seating. Chairs fold up in banks of 2 to 8 seats, and lay on the platforms when closed. Acceptance of the EZ-A-WAY chair stand in TV studio seating arrangements, arenas, field houses, auditoriums, and gymnasiums has been enthusiastic . . . built 30" and 32" centers with 8" standard rise.

Rugged, ALL STEEL frame with conventional "diagonal bracing" — self contained hydraulic, mobile units are available.

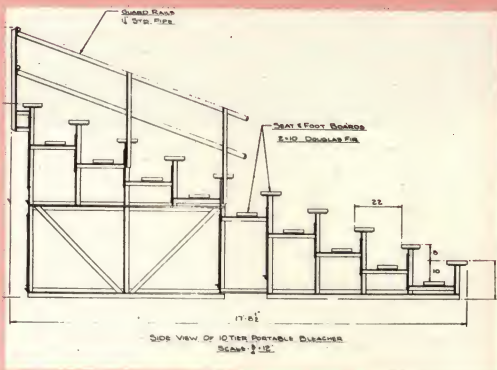
30" C CHAIR STAND

No. of Rows	Height	Closed Position	Extended Position
2	2'-8"	3'-6 1/2"	5'-10"
3	3'-4"	3'-8"	8'-4"
4	4'-0"	3'-9 1/2"	10'-10"
5	4'-8"	3'-11"	13'-4"
6	5'-4"	4'-0 1/2"	15'-10"
7	6'-0"	4'-2"	18'-4"
8	6'-8"	4'-3 1/2"	20'-10"
9	7'-4"	4'-5"	23'-4"
10	8'-0"	4'-6 1/2"	25'-10"
11	8'-8"	4'-8"	28'-4"
12	9'-4"	4'-9 1/2"	30'-10"
13	10'-0"	4'-11"	33'-4"
14	10'-8"	5'-0 1/2"	35'-10"
15	11'-4"	5'-2"	38'-4"
16	12'-0"	5'-3 1/2"	40'-10"
17	12'-8"	5'-5"	43'-4"
18	13'-4"	5'-7 1/2"	45'-10"

GRANDSTANDS portable and permanent

BERLIN STANDARD TYPE "C" PERMANENT GRANDSTAND is a rugged, dependable neat appearing stand (as shown by the illustration taken underneath the installation at St. Clair Shores, Michigan, High School). With clean pleasing lines, it requires the minimum number of concrete

footings . . . is easy to clean underneath the entire stand . . . standard size 24" C and 8 3/4" rise and (2) 8" foot boards; also available with 24", 36", or 48" high standard walkways on the front . . . other sizes upon request.

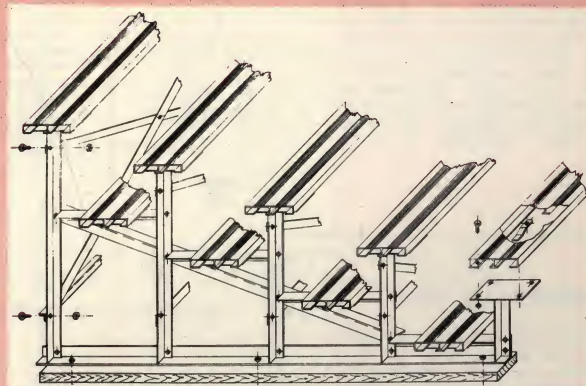


BERLIN ALL STEEL PORTABLE BLEACHERS are engineered and designed to provide maximum seating capacity for both indoors and outdoors . . . designed in standard interchangeable sections that permit additions vertically and laterally as needed to accommodate varying situations. Semi-permanent, they can be dismantled and re-erected wherever needed. Because of simplicity of design and interchangeable parts no skilled help is required to either erect or dismantle. ALL STEEL Hydraulic-Moveable Portable Bleachers simplifies handling and moving as it is no longer necessary to tear down bleachers and reassemble at another site. This mobile feature can be built into ALL STEEL Bleachers at a slight additional cost.

- Easily moved . . . independent sections
- Average weight only 9 lbs. per seat
- All seatboards are anodized, architectural finish
- All foot and seatboards extruded aluminum (only in Berlin Bleachers)
- Non-skid seat surfaces
- Available in 22" and 24" center . . . 8" rise
- Guard rails of aluminum available
- Meets ASCE design specifications
- Excellent for swimming pool seating
- All structural members high strength aluminum alloy



Aluminum



BERLIN ALUMINUM PORTABLE BLEACHERS
No Maintenance . . . No Painting . . . Light Weight — Your Ideal Outdoor Seating

BERLIN CHAPMAN Basketball Backstops

Backboards meet the latest rules of National Basketball Committee of United States and Canada

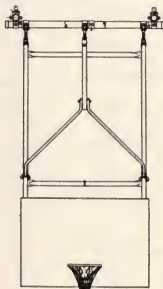
SERIES NO. 100

iling suspended, forward swing-up
be furnished complete including all
ounting fittings, pipes, bolts, etc.
maximum mounting height of standard
ries No. 100 is 35'. Finished in
Antique Bronze except for backboard
sembly white enamel. All backstops
nished with Steel Fan-Shaped
ards.



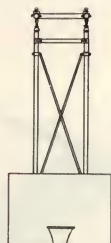
SERIES NO. 120

iling suspended, modified forward
ing-up type furnished complete in-
nding all mounting fittings, pipes,
Its etc. . . . Maximum mounting
ight of standard Series No. 120 is
' . Used where backboard must be
eated near a wall, folding partition
ther backstop. Forward bracing is of
jack knife design which folds when
it is raised. Finished in Antique
onze enamel except backboard as-
mbly white enamel. All backstops
nished with steel fan-shaped boards.



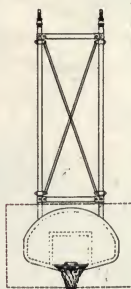
SERIES NO. 130

iling suspended, backward swing-up
be furnished complete including all
ounting fittings, pipes, bolts, etc.,
signed so that unit can be suspended
from any rigid roof framing. Maxi-
um mounting height 35' . . . Finished
Antique Bronze except backboard —
ite enamel. All backstops
nished with steel fan-shaped boards.



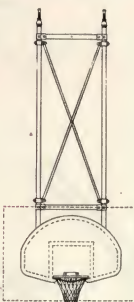
SERIES NO. 160

iling suspended, stationary type unit
nished complete including all neces-
y mounting fittings, pipes, bolts,
. . . . designed to be suspended
m any rigid roof framing. Maximum
unting height 35'. Finished in
Antique Bronze except backboard —
ite enamel. All backstops furnished
h steel fan-shaped boards.



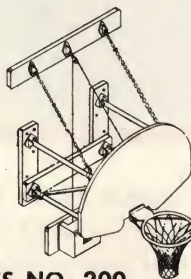
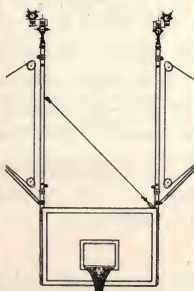
SERIES NO. 300

iling suspended, wall braced type
nished complete including all mount-
ing fittings, pipes, bolts, etc.,
be suspended from any rigid roof
aming and braced to any structurally
equate wall through the use of cast
leable clamps or flanges. Maximum
unting height 34'. Furnished in
Antique Bronze finish except for back-
ard assembly painted in white
amel. Steel fan-shaped board is
andard.



SERIES NO. 600

iling suspended, Gate-type side fold-
used where a folding partition
ides gym, furnished complete in-
ding mounting fittings, pipes, bolts,
. . . . Maximum mounting height
omended is 25'. Finished in Antique
onze enamel except backboard as-
mbly white enamel. . . . standard
ckstop furnished with steel fan-
aped boards.



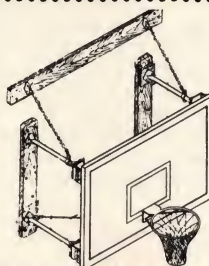
SERIES NO. 200

Wall attached, swing-up type unit
furnished complete including all mount-
ing fittings, wall boards, anchor bolts,
etc. . . . designed so that when unit is
folded the backboard is parallel to
the wall, adaptable to either frame or
masonry construction. Maximum stand-
ard extension is 10' from face of back-
stop board to the wall. Furnished in
Antique Bronze finish except for back-
board assembly painted white enamel.
Steel fan-shaped board is standard.



SERIES NO. 230

Wall attached, stationary type furn-
ish complete including all mounting
fittings, wall anchor boards, anchor
bolts, etc. . . . designed to be adap-
table to either frame or masonry con-
struction. Maximum standard extension
10' from face of backstop board to
wall. Furnished in Antique Bronze finish
except for backboard assembly painted
in white enamel. Steel fan-shaped
board is standard.



SERIES NO. 260

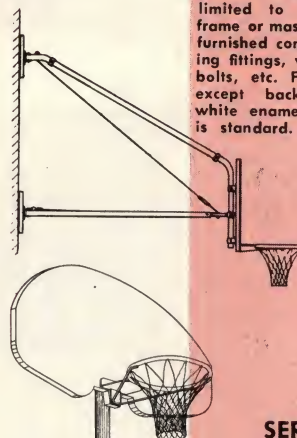
Wall attached, side fold type furn-
ish complete including all mounting fit-
tings, wall anchor boards, anchor bolts,
etc. . . . designed so that when unit
is folded backboard is parallel to the
wall . . . adaptable to either frame or
masonry construction. Maximum stand-
ard extension 10'. Furnished in Antique
Bronze finish except backboard assem-
bly which is finished in white enamel.
Steel fan-shaped board is standard.



MODEL NO. 50

The only complete and rigid
volley ball post that doesn't
require any additional support
cables, floor hooks or screw
anchors, or heavy floor plates
to support it. Its design per-
mits use in either new or old
schools having wood or tile
floors, in addition to being used
outdoors, providing year-round
use. Symmetrical design elimi-
nates RIGHT or LEFT Hand post
so additional nets and posts
can be added later, easily
erected. Complete specifications
contained in bulletin No.
31058P1.

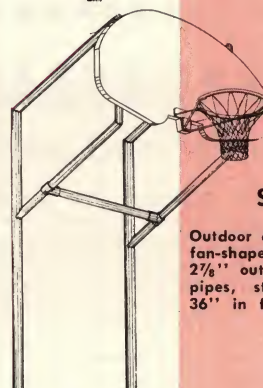
SERIES NO. 350



General purpose backstop designed
principally for use where backboard is
located in path of a folding partition,
or to be used as a wall modified unit
where mounting to a wall presents a
problem. Maximum wall extension
limited to 12' Adaptable to either
frame or masonry constructed walls . . .
furnished complete including all mount-
ing fittings, wall anchor boards, anchor
bolts, etc. Finished in Antique Bronze
except backboard assembly painted
white enamel. Steel fan-shaped board
is standard.

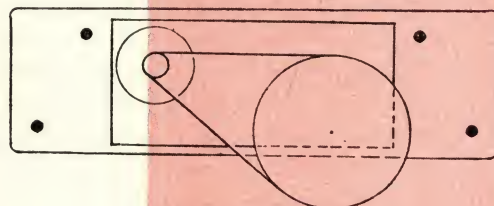
SERIES NO. 500

Outdoor single post backstop, all steel
fan-shaped backboard mounted flush
on 3 1/2" outside diameter pipe set in
concrete.



SERIES NO. 550

Outdoor double post backstop, all steel
fan-shaped backboard mounted on (2)
2 7/8" outside diameter vertical support
pipes, standard backboard extended
36" in front of vertical supports.



ELECTRIC WINCH

Designed and manufactured in 2
models — one specifically made to
raise and lower Series No. 100 and 130
basketball backstops. "Remo - Drive
Model" and the other especially de-
signed to raise and lower Series No.
200 basketball backstops. "Electro-
Drive Model" equipped with single
phase 60 cycle ballbearing 1/3 HP
motor, 1725 rpm . . . until reversible
to easily raise and lower backstop
unit . . . ball-thrust-bearings provide
smooth operation.

BERLIN CHAPMAN CO.
Berlin • Wisconsin

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Carol J. Dyson, AIA